REMARKS

Claims 1-21, 23-25, 27-43, 45 and 47-60 are pending in the present application, and claims 5-6, 9, 12-14, 17-21, 25, 27, 29, 31-34, 36-39, 41, 45, 47-52, and 54-60 stand withdrawn from consideration. By virtue of this response, claims 1, 24, 30, and 43 have been amended and no claims have been added. Support for the amendment may be found at least in paragraphs [0037], [0038], [0044], and [0068] as filed; and no new matter has been added. Accordingly, claims 1-4, 7, 8, 10, 11, 15, 16, 23, 24, 28, 30, 35, 40, 42, 43, and 53, are currently under consideration.

Claim Rejections – 35 U.S.C § 112, First Paragraph

Claims 24 and 28 stand rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. In particular, the Examiner states that claim 24 only recites a "data mask," and that the feature of an "information layer" is just an abstract object.

Applicants have amended claim 24 to recite that the data mask has "an information layer stored therein... wherein the information layer is grouped into a plurality of data pages, each data page comprising a plurality of data pixels and a header." Thus, the data mask is now recited as having an information layer stored therein, the stored information layer having the recited features. The feature concerning an "information layer," is therefore embodied within the data mask and is not merely an abstract idea. Accordingly, Applicants request the rejection be withdrawn.

Claim Rejections – 35 U.S.C § 102(b)

A. Claims 1, 3, 7, 10, 11, 23, 24, 30, and 35 stand rejected under 35 U.S.C. 102(b) as being anticipated by the patent issued to Snyder et al. (Patent No. 6,064,586).

Applicants have amended independent claims 1, 24, and 30 to recite that "the data mask includes an information layer that is divided into multiple data pages, each data page comprising a plurality of data pixels and a header." Claims 24 and 30 are amended similarly to claim 1 to recite that "each data page comprising a plurality of data pixels and a header." The added feature of a header, for example, used to identify individual data pages during a page-wise readout of a plurality

of data pages, is described at least in paragraphs [0037], [0038], [0044], and [0068] of the application as filed (including references incorporated by reference).

Applicants submit that Snyder does not disclose or suggest a method or system wherein each data page includes a plurality of data pixels and a header. In particular, even if the disclosed storage sectors 16 are taken as the plurality of data pages (as stated by the Examiner on page 4 of the Office Action), Snyder fails to disclose or suggest that each of the storage sectors includes both a plurality of data pixels and a header, e.g., including page information such as the page number as described for page-wise readout in paragraphs [0037] and [0038] of the present application. Further, Snyder does not reasonably suggest including or modifying the disclosure therein to include a header as recited.

Accordingly, for at least these reasons, Snyder fails to disclose or suggest the features of claims 1, 24, and 30 as amended and the rejection should be withdrawn.

B. Claims 1, 3, 7, 23, 24, 30, 35, 43, and 53 stand rejected under 35 U.S.C. 102(b) as being anticipated by patent issued to Blaum et al (Patent No. 5,510,912).

As discussed above, Applicants have amended independent claims 1, 24, 30, and 43 to recite "each data page comprising a plurality of data pixels and a header." Blaum does not disclose or suggest these features of claims 1, 24, 30 and 43. Initially, Applicants submit that although Blaum discloses a spatial light modulator for forming data pages, there is no disclosure or suggestion that the spatial light modulator is addressed to produce a single information layer having a plurality of data pages as recited by the present claims. In any event, even if the spatial light modulator were to form such an information layer, there is no disclosure or suggestion that each of the data pages include both a plurality of data pixels and a header. Further, Blaum does not reasonably suggest including or modifying the disclosure therein to include a plurality of data pages, each including a header as recited.

Accordingly for at least these reasons, Blaum fails to disclose or suggest the features of claims 1, 24, 30, and 43 as recited and the rejection should be withdrawn.

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Claim Rejections – 35 U.S.C. § 103(a)

A. Claims 2, 4, and 28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over the patent issued to Snyder et al.

Claims 2, 4, and 28 depend from claims 1 and 24 respectively and are allowable over Snyder for at least similar reasons as claims 1 and 24 discussed above. Accordingly, the rejection should be withdrawn.

B. Claims 1-4, 7, 10-11, 23-24, 28, 30, and 35 stand rejected under 35 U.S.C. 103(a) as being unpatentable over the patent issued to Guest et al. in view of the patent issued to Snyder et al.

As discussed above, Applicants have amended independent claims 1, 24, and 30 to recite "each data page comprising a plurality of data pixels and <u>a header</u>." Guest (alone or in combination with Snyder) does not disclose or suggest these features of claims 1, 24, 30 and 43. For example, the plurality of data arrays 42a-42f of Guest (taken as the plurality of the data pages as indicated on page 7 of the Office Action) do not disclose or suggest each having a header. Further, Guest in combination with Snyder does not reasonable suggest including or modifying the disclosures therein to include a plurality of data pages, each including a header as recited.

Accordingly for at least these reasons, the combination of Guest and Snyder fails to disclose or suggest the features of claims 1, 24, and 30 as recited and the rejection should be withdrawn.

C. Claims 1, 8, 15, 16, 30, 40, 42, 43 and 53 stand rejected under 35 U.S.C. 103(a) as being unpatentable over the patent issued to Hart (Patent No. 5,592,313) in view of the patent issued to Schehrer et al. (Patent No. 5,258,860) and Snyder et al.

As discussed above, Applicants have amended independent claims 1, 24, 30, and 43 to recite "each data page comprising a plurality of data pixels and <u>a header</u>." Hart (alone or in combination with Schehrer) does not disclose or suggest these features of claims 1, 24, 30 and 43.

In this instance, the Examiner is merely dividing a layer of data arbitrarily into multiple data pages (see page 10 of the Office Action); however, such division taken alone or in combination with Hart fails to disclose or suggest that each data page includes a header. Further, Hart in combination with Snyder does not reasonable suggest including or modifying the disclosures therein to include a plurality of data pages, each including a header as recited.

Accordingly for at least these reasons, the combination of Hart and Schehrer fails to disclose or suggest the features of claims 1, 24, 30, and 43 as recited and the rejection should be withdrawn.

D. Claims 2, 4, 10, and 28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over the patent issued to Blaum et al.

Claims 2, 4, 10, and 28 depend from claims 1 and 24 respectively and are allowable over Blaum for at least similar reasons as claims 1 and 24 discussed above. Accordingly, the rejection should be withdrawn.

E. Claims 1, 4, 10, 11, 23, 24, 30, 43 and 53 are rejected under 35 U.S.C. 103(a) as being unpatentable over the patent issued to Edwards (Patent No. 6,538,776) in view of the patent issued to Snyder et al.

As discussed above, Applicants have amended independent claims 1, 24, 30, and 43 to recite "each data page comprising a plurality of data pixels and a header." Edwards (alone or in combination with Snyder) does not disclose or suggest these features of claims 1, 24, 30 and 43. Similarly to Hart discussed above, the Examiner is merely dividing a layer of data arbitrarily into multiple data pages (see page 12 of the Office Action); however, such division taken alone or in combination with Snyder fails to disclose or suggest that each data page includes a header. Further, Edwards in combination with Snyder does not reasonable suggest including or modifying the disclosures therein to include a plurality of data pages, each including a header as recited.

Accordingly for at least these reasons, the combination of Edwards and Snyder fails to disclose or suggest the features of claims 1, 24, and 30 as recited and the rejection should be withdrawn.
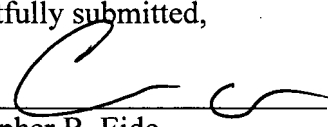
CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 495812004700. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 23, 2007

Respectfully submitted,

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